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Product no AS07 233

Anti-HSC70/HSP70 | Heat shock cognate protein 70 / heat shock protein 70

Product information

Immunogen	HSC70 purified from wheat germ by ATP affinity chromatography
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	100 µl
Reconstitution	For reconstitution add 100 µl of sterile water
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.
Additional information	This antibody will not react with bip or CSS1, Tested on 2D gels antibody reactos strongly with two different proteins, hsc70 and hsp70

Application information

Recommended dilution	1 : 50 000 (WB)
Expected | apparent MW	70 kDa
Confirmed reactivity	*Cucurbita pepo, Pisum sativum*, *Triticum* sp.
Predicted reactivity	Dicots, Monocots Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	This antibody can inhibit protein import into organelles *in vitro*.
Selected references	Koziel et al (2021) Modulation of Expression of PVYNTN RNA-Dependent RNA Polymerase (NIb) and Heat Shock Cognate Host Protein HSC70 in Susceptible and Hypersensitive Potato Cultivars. Vaccines. 2021; 9(11):1254. https://doi.org/10.3390/vaccines9111254 Crookes & Olsen (1998), The effects of chaperones and the influence of protein assembly on peroxisomal protein import. J. Biol. Chem. 27:17236-17242